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EXAMINER

SHIFERAW, ELENI A

ART UNIT PAPER NUMBER

2136

DATE MAILED: 11/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/897,480

Applicant(s)

MATSUURA ET AL.

Examiner

Eleni A Shiferaw

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 07 March 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☒ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 7/3/2001.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

DETAILED ACTION

1. Claims 1-20 are presented for examination.

*Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Peinado et al. (Peinado, Patent No. US 6,772,340 B1).

As per claim 1, Peinado teaches a contents processing method comprising the steps of:

storing contents (Peinado Col. 9 lines 58-67, and Fig. 1 No. 22);

extracting the stored contents (Peinado Col. 8 lines 34-67, and col. 19 lines 48-60);

encrypting the extracted contents, based on an identifier given uniquely to a medium

(Peinado Col. 5 lines 14-29, and col. 2 lines 56-67);

recording the encrypted contents on the medium (Peinado Col. 2 lines 56-67, and col. 41 lines 12-20);

accepting a limiting condition for reproducing, displaying or executing the contents

(Peinado Col. 3 lines 45-67, and col. 5 lines 14-30);

recording the accepted limiting condition on the medium (Peinado Col. 3 lines 45-67, col. 5 lines 14-30, and col. 19 lines 61-col. 20 lines 4); and

reproducing, displaying or executing the contents recorded on the medium while decrypting the contents based on the identifier under the recorded limiting condition (Peinado Col. 3 lines 57-67, Fig. 1 No. 20 “Content ID”, and col. 19 lines 48-col. 20 lines 4).

As per claim 2, Peinado teaches a contents processing system comprising:

a recording device for recording contents on a medium (Peinado Col. 2 lines 56-67, and col. 41 lines 12-20); and

an execution device for reproducing, displaying or executing the contents recorded on the medium (Peinado Col. 3 lines 5-19, col. 3 lines 57-67, and Fig. 1 No. 20 “Content ID”),

wherein the recording device includes a processor capable of performing the following operations:

storing contents in advance in conjunction with first specifying information for specifying the contents (Peinado Col. 41 lines 12-20);

accepting first specifying information (Peinado Col. 9 lines 1-17);

extracting the stored contents, based on the accepted first specifying information (Peinado Col. 9 lines 1-17);

reading an identifier given uniquely to the medium (Peinado Col. 7 lines 37-col. 8 lines 13);

encrypting the extracted contents, based on the read identifier (Peinado Col. 7 lines 37-col. 8 lines 13);

recording the encrypted contents on the medium (Peinado Col. 2 lines 56-67, and col. 41 lines 12-20);

accepting a limiting condition for reproducing, displaying or executing the contents (Peinado Col. 3 lines 45-67, and col. 5 lines 14-30); and

recording the accepted limiting condition on the medium (Peinado Col. 19 lines 48-60),

wherein the execution device includes a processor capable of performing the following operations:

reading the identifier of the medium (Peinado Col. 3 lines 57-67, and Fig. 17 No. 1715);

decrypting the contents recorded on the medium in an encrypted form, based on the read identifier (Peinado Cig. 14 No. 1405, and Abstract); and

reproducing, displaying or executing the decrypted contents under the limiting condition recorded on the medium (Peinado Col. 3 lines 57-67, and Fig. 1 No. 20 "Content ID").

As per claims 7 and 16, Peinado discloses a recording device for recording contents on a medium, comprising:

means for storing the contents in advance in conjunction with first specifying information for specifying the contents (Peinado Col. 9 lines 58-67, and Fig. 1 No. 22);

means for accepting first specifying information (Peinado Col. 9 lines 1-17);

means for accepting fees for recording the contents on the medium (Peinado Col. 10 lines 4-18;

means for extracting the stored contents, based on the accepted first specifying information (Peinado Col. 9 lines 1-17);

means for reading an identifier given uniquely to the medium (Peinado Col. 7 lines 37-col. 8 lines 13);

means for encrypting the extracted contents, based on the read identifier (Peinado Col. 7 lines 37-col. 8 lines 13); and

means for recording the encrypted contents on the medium (Peinado Col. 7 lines 37-col. 8 lines 13, col. 2 lines 56-67, and col. 41 lines 12-20).

As per claim 8, Peinado discloses a recording device for recording contents on a medium, comprising a processor capable of performing the following operations:

storing contents in advance in conjunction with first specifying information for specifying the contents (Peinado Col. 41 lines 12-20);

accepting first specifying information (Peinado Col. 9 lines 1-17);

extracting the stored contents, based on the accepted first specifying information (Peinado Col. 9 lines 1-17);

reading an identifier given uniquely to the medium (Peinado Col. 7 lines 37-col. 8 lines 13);

encrypting the extracted contents, based on the read identifier (Peinado Col. 7 lines 37-col. 8 lines 13);

recording the encrypted contents on the medium (Peinado Col. 2 lines 56-67, and col. 41 lines 12-20);  
accepting a limiting condition for reproducing, displaying or executing the contents (Peinado Col. 3 lines 45-67, and col. 5 lines 14-30); and  
recording the accepted limiting condition on the medium (Peinado Col. 3 lines 45-67, col. 5 lines 14-30, and col. 19 lines 61-col. 20 lines 4).

As per claim 10, and 17, Peinado discloses an execution device for reproducing, displaying or executing contents recorded on a medium, comprising:

means for reading an identifier given uniquely to the medium (Peinado Col. 7 lines 37-col. 8 lines 13);  
means for decrypting contents, which have been encrypted based on the identifier and recorded, based on the read identifier (Peinado Abstract, col. 19 lines 48-60, and col. 3 lines 45-67); and  
means for reproducing, displaying or executing the decrypted contents under a limiting condition for reproducing, displaying or executing the contents recorded on the medium (Peinado Col. 3 lines 57-67, Fig. 1 No. 20 "Content ID", and col. 19 lines 48-col. 20 lines 4).

As per claim 12, Peinado discloses a central device or a computer memory product for transmitting contents to another computer connected via a communication network, comprising a processor capable of performing the following operations:

accepting first specifying information for specifying contents, second specifying information for specifying another computer in which the contents are to be recorded (Peinado Col. 9 lines 1-17) and an identifier given uniquely to each medium, transmitted from the outside (Peinado Col. 8 lines 3-13, and Col. 55 lines 63-col. 56 lines 2);

extracting contents from a content database storing contents, based on the accepted first specifying information (Peinado Col. 9 lines 1-17); and

transmitting the extracted contents and the identifier to another computer associated with the second specifying information (Peinado Col. 11 lines 41-57).

As per claim 15, Peinado discloses a contents processing system comprising:

a recording device for recording contents on a medium (Peinado Col. 7 lines 37-col. 8 lines 13, col. 2 lines 56-67, and col. 41 lines 12-20); and

an execution device for reproducing, displaying or executing the contents recorded on the medium (Peinado Col. 3 lines 5-19, col. 3 lines 57-67, and Fig. 1 No. 20 "Content ID"), wherein the recording device includes:

means for storing the contents in advance in conjunction with first specifying information for specifying the contents (Peinado Col. 9 lines 58-67, and Fig. 1 No. 22);

means for accepting first specifying information (Peinado Col. 9 lines 1-17);

means for extracting the stored contents, based on the accepted first specifying information (Peinado Col. 9 lines 1-17);



means for reading an identifier given uniquely to the medium (Peinado Col. 7 lines 37-col. 8 lines 13);

means for encrypting the extracted contents, based on the read identifier (Peinado Col. 5 lines 14-29, and col. 2 lines 56-67);

means for recording the encrypted contents on the medium (Peinado Col. 2 lines 56-67, and col. 41 lines 12-20);

means for accepting a limiting condition for reproducing, displaying or executing the contents (Peinado Col. 3 lines 45-67, col. 5 lines 14-30, and col. 19 lines 61-col. 20 lines 4); and

means for recording the accepted limiting condition on the medium (Peinado Col. 3 lines 57-67, col. 19 lines 61-col. 20 lines 4 and Fig. 1 No. 20 "Content ID"),

wherein the execution device includes:

means for reading the identifier of the medium (Peinado Col. 7 lines 37-col. 8 lines 13);

means for decrypting contents recorded on the medium in an encrypted form, based on the read identifier (Peinado Abstract, and Fig. 14 No. 1405); and

means for reproducing, displaying or executing the decrypted contents under the limiting condition recorded on the medium (Peinado Col. 3 lines 57-67, Fig. 1 No. 20 "Content ID", and col. 19 lines 48-col. 20 lines 4).

As per claim 18, Peinado discloses a computer memory product readable by a computer and

storing a computer program for recording contents on a medium, the computer program comprising the steps of:

storing the contents in advance in conjunction with first specifying information for specifying the contents; accepting first specifying information (Peinado Col. 9 lines 58-67, and Fig. 1 No. 22);

extracting the stored contents, based on the accepted first specifying information (Peinado Col. 9 lines 1-17);

reading an identifier given uniquely to the medium (Peinado Col. 7 lines 37-col. 8 lines 13);

encrypting the extracted contents, based on the read identifier (Peinado Col. 5 lines 14-29, and col. 2 lines 56-67);

recording the encrypted contents on the medium (Peinado Col. 2 lines 56-67, and col. 41 lines 12-20);

accepting a limiting condition for reproducing, displaying or executing the contents (Peinado Col. 3 lines 45-67, and col. 5 lines 14-30); and

recording the accepted limiting condition on the medium (Peinado Col. 3 lines 45-67, col. 5 lines 14-30, and col. 19 lines 61-col. 20 lines 4).

As per claim 19, Peinado teaches a computer memory product readable by a computer and storing a computer program for reproducing, displaying or executing contents recorded on a medium, the computer program comprising the steps of:

reading an identifier given uniquely to the medium (Peinado Col. 3 lines 57-67, and Fig. 17 No. 1715);

decrypting contents, which have been encrypted based on the identifier and recorded, based on the read identifier (Peinado Abstract, col. 19 lines 48-60, and col. 3 lines 45-67); and reproducing, displaying or executing the decrypted contents under a limiting condition for reproducing, displaying or executing the contents recorded on the medium (Peinado Col. 3 lines 57-67, Fig. 1 No. 20 "Content ID", and col. 19 lines 48-col. 20 lines 4).

As per claim 3, Peinado discloses the contents processing system, further comprising a central device connected to the recording device and the execution device via a communication network, wherein

the processor of the execution device is further capable of performing the following operations:

accepting first specifying information (Peinado Col. 9 lines 1-17);  
accepting second specifying information for specifying a recording device in which the contents are to be recorded (Peinado Col. 9 lines 1-17); and  
transmitting the accepted first specifying information, second specifying information and the identifier given to the medium to the central device (Peinado Col. 9 lines 1-17, and col. 18 lines 50-col. 19 lines 60),

wherein the central device includes a processor capable of performing the following operations:

extracting contents from a content database storing contents, based on the transmitted first specifying information (Peinado Col. 8 lines 34-67, and col. 19 lines 48-60); and

transmitting the extracted contents and the transmitted identifier to a recording device corresponding to the transmitted second specifying information (Peinado Col. 9 lines 1-17, and col. 18 lines 50-col. 19 lines 60, and col. 55 lines 63-col. 56 lines 2), and

the processor of the recording device is further capable of performing the following operations:

storing the transmitted contents in the content file in conjunction with the identifier (Peinado Col. 41 lines 12-20); and

extracting the contents from the content file based on the identifier of the medium (Peinado Col. 8 lines 34-67, and col. 19 lines 48-60).

As per claims 4 and 13, Peinado discloses the contents processing system or the central device, wherein the contents are web pages, and the first specifying information is a search keyword for searching for web pages (Peinado Col. 4 lines 4-57), and

the processor of the central device extracts a web page corresponding to the transmitted search keyword and web pages linked to the web page from the content database, based on the search keyword, for extraction of the contents (Peinado Col. 14 lines 4-65).

As per claims 5, and 14, Peinado discloses the contents processing system or the central device,

wherein the processor of the central device is further capable of performing an operation of accepting a limit number of times for limiting the number of times of linking between the web page corresponding to the search keyword and web pages linked to the web page (Peinado Col. 14 lines 4-34, col. 19 lines 61-col. 20 lines 4), and

the processor of the central device extracts the web page corresponding to the transmitted search keyword and web pages linked to the web page within the accepted limit number of times from the content database, based on the search keyword, for extraction of the contents (Peinado col. 14 lines 4-34).

As per claim 6, Peinado discloses the contents processing system of claim 5,

wherein the processor of the execution device is further capable of performing an operation of transmitting a URL of a web page which is not stored on the medium to the central device when the web page is to be displayed on a browser (Peinado Col. 14 lines 4-34, col. 55 lines 63-col. 56 lines 2).

As per claim 9, Peinado discloses the recording device, wherein the processor is further capable of performing the following operations:

storing transmitted contents and the identifier from the outside in a content file in conjunction with each other (Peinado Col. 9 lines 58-67, Fig. 1 No. 22, and col. 55 lines 64-col. 56 lines 2); and

extracting the contents from the content file, based on the identifier of the medium (Peinado Col. 7 lines 37-col. 8 lines 13).

As per claim 11, Peinado discloses the execution device, wherein the processor is further capable of performing the following operations:

accepting first specifying information for specifying the contents (Peinado Col. 9 lines 1-17);

accepting second specifying information for specifying other computer in which the contents are to be recorded (Peinado Col. 9 lines 1-17); and


transmitting the accepted first specifying information and second specifying information and the read identifier of the medium to the outside (Peinado Col. 55 lines 63-col. 56 lines 2, and col. 9 lines 1-17, and col. 18 lines 50-col. 19 lines 60).

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eleni A Shiferaw whose telephone number is 571-272-3867. The examiner can normally be reached on Mon-Fri 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz R Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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